

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 10873.0489USC2	Application Number: filed here within 10/699, 368
	Applicant: NAKATA et al.	
	Filing Date: filed here within	Group Art Unit: 2653

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
ke	US 4,185,913	Jan. 1980	Ammann et al.				
ke	US 4,745,589	May-88	Nomura				
ke	US 4,991,161	Feb. 1991	Ikegame et al.				
ke	US 5,005,162	Apr-91	Mitsumori et al.				
ke	US 5,091,793	Feb. 1992	Gato et al.				
ke	US 5,481,515	Jan. 1996	Kando et al.				
ke	US 5,541,908	Jul. 1996	Hsu et al.				
ke	US 5,615,053	Mar-97	Toyama et al.				
ke	US 5,708,633	Jan. 1998	Hollen et al.				
ke	US 5,920,532	Jul. 1999	Yagi et al.				
ke	US 5,946,146	Aug. 1999	Haruguchi et al.				
ke	US 6,016,293	Jan. 2000	Lee et al.				
ke	US 6,246,644	Jun. 2001	Seo				
ke	US 6,310,852	Oct. 2001	Tomita et al.				
ke	US 6,044,048	March 2000	Oinoue et al.				
<del>ke</del>	<del>US 5,982,564</del>	<del>Nov. 1999</del>	<del>Nagai</del>				
ke	US 5,608,696	March 1997	Makigaki				
ke	US 5,218,587	June 1993	Nomiyama et al.				
ke	US 4,734,899	March 1988	Van Sluys				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ke	JP 11-213411	Aug-99	Japan				
ke	JP 11-339299	Dec-99	Japan				
ke	JP 1-97413	Jun-89	Japan				
ke	JP 58-179946	Oct. 1983	Japan				

EXAMINER <i>Kan Chen</i>	DATE CONSIDERED <i>3/16/06</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 10873.0489USC2	Application Number: filed here within <b>10/689,348</b>
	Applicant: NAKATA et al.	
	Filing Date: filed here within	Group Art Unit: 2653

lc	JP 5-86111	Nov. 1993	Japan				
lc	JP 6-131726	10/16/1992	Japan				
lc	JP 6-20285	Jan. 1994	Japan				
lc	JP 7-141691	Jun-95	Japan				
lc	JP 9-320086	Dec-97	Japan				
lc	JP 4-349221	Dec. 1992	JAPAN				
lc	JP 7-201064	Aug. 1995	JAPAN				
lc	JP 5-135404	June 1993	JAPAN				
lc	JP 62-150728	Sept. 1987	JAPAN				
lc	JP 3-207027	Sept. 1991	JAPAN				
lc	JP 1-173434	July 1989	JAPAN				
lc	JP 3-147536	June 1991	JAPAN				
lc	JP 60-16321	Feb. 1985	JAPAN				
lc	JP 60-20024	Feb. 1985	JAPAN				
lc	JP 64-15317	Jan. 1989	JAPAN				

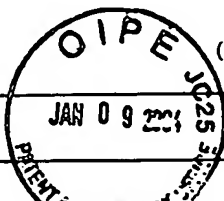
**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


**23552**

PATENT TRADEMARK OFFICE

EXAMINER <b>Kim Chun</b>	DATE CONSIDERED <b>3/16/06</b>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 10873.0489USC2	Application Number: 10/699348
	Applicant: NAKATA et al.	
	Filing Date: October 30, 2003	Group Art Unit: n/a <i>2653</i>



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>ke</i>	JP 5-314535	Nov. 1993	JAPAN			Abstract	
<i>ke</i>	JP 7-6533	Jan. 1995	JAPAN			Abstract	
<i>ke</i>	JP 10-320802	Dec. 1998	JAPAN			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

<b>23552</b> PATENT TRADEMARK OFFICE
---

EXAMINER <i>Kim Chen</i>	DATE CONSIDERED <i>3/16/06</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date Mailed: May 27, 2004

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 10873.0489USC2	Application Number: 10/699348
	Applicant: NAKATA et al	
	Filing Date: October 30, 2003	Group Art Unit: 2872-2653

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
lc	US 4,959,820	Sept. 1990	HORIMAI et al.	369	13.15	/	
lc	US 4,596,444	June 1986	USHIDA	359	813	/	
lc	US 5,787,067	July 1998	SONG	720 <del>269</del>	687	/	
lc	US 5,581,524	Dec. 1996	FUJINO	369	44.27	/	
lc	US 5,986,983	Nov. 1999	SIMPSON et al.	369	44.12	/	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

23552

PATENT TRADEMARK OFFICE

EXAMINER <i>Kim Chu</i>	DATE CONSIDERED <i>3/16/06</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

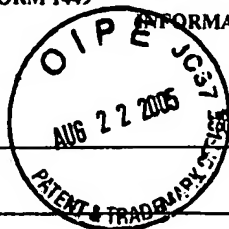
\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE





<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 10873.489USC2	Application Number: 10/699,348
	Applicant: NAKATA, ET AL.	
	Filing Date: October 30, 2005	Group Art Unit: <del>2872</del> 2653



U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
lc	63-50920	March, 1988	Japan			Partial & abstract	
lc	1-97413	June, 1989	Japan			Partial	
lc	6-20285	January, 1994	Japan			Partial	
lc	7-240035	September, 1995	Japan			Partial & Abstract	
lc	8-36771	February, 1996	Japan			Partial & Abstract	
lc	9-35322	February, 1997	Japan			Partial & Abstract	
lc	9-231592	September, 1997	Japan			Partial	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

**52835**

PATENT TRADEMARK OFFICE

EXAMINER	Kim Chu	DATE CONSIDERED	3/16/06
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

Date Mailed: December 27, 2005

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 10873.489USC2	Application Number: 10/699,348
	Applicant: NAKATA, et al.	
	Filing Date: October 30, 2003	Group Art Unit: <del>2873</del> - 2653

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ke	5,894,370	April, 1999	Okuda, et al.	359	822	/
ke	4,614,431	September, 1986	Komeyama	356	401	/
ke	6,445,671	September, 2002	Takeda, et al.	369	121	/
ke	6,002,661	December, 1999	Abe, et al.	369	12.01	/

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

**53148**

PATENT TRADEMARK OFFICE

EXAMINER <i>Kim Chen</i>	DATE CONSIDERED <i>3/16/06</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE